

## IN THE CLAIMS

The current claims for this application are listed below.

Claims 1-49 (Canceled).

50. (Currently Amended) A compound having the general formula S-L-X wherein:  
the X moiety is an aryl substituted with at least one atom having a K-absorption edge of  
about 13 keV to about 91 keV;  
the S moiety is selected from pyranose, furanose, oligonucleotide, and fatty acid and  
furanose; and  
the L moiety is an inhibitor of is linked to said X moiety and to said S moiety, and  
inhibits steric hindrance by said X moiety of binding by said S moiety to said  
cellular target, said L moiety linked to said X moiety and to an intracellular  
target having a binding site for said S moiety.
51. (New) The compound of claim 50, wherein said at least one atom is selected from Br, I,  
and Bi.
52. (New) The compound of claim 50, wherein said intracellular target is an enzyme.
53. (New) The compound of claim 50, wherein said intracellular target is hexokinase.